

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6031505").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/20 15:04
S2	1	("20060038733").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/09 16:17
S3	1	DE-10052909-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 13:40
S5	2	EP-1317116-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/09 16:47
S6	2	EP-1294051-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/09 16:43
S7	2	"20060038733".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:41
S8	3449	343/702.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:41
S9	208	343/789.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:42
S10	407	343/878.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:42
S11	305	343/880.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:42
S12	154	343/881.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:43
S13	4416	S8 S9 S10 S11 S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:43

EAST Search History

S14	1414326	(flexible bendable pliable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:26
S15	4337539	(aperture hole gap slit crack)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:47
S16	58	S14 and (((antenna antennae) with speaker) same S15)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:29
S18	7517	speaker with antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:59
S20	204	S18 and 343/702.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 16:04
S21	2	EP-1184936-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:17
S23	12	((combined integrated) with speaker with antenna).ab.	US-PGPUB; USPAT	OR	ON	2006/11/13 16:12
S24	10	(speaker and antenna).ti.	US-PGPUB; USPAT	OR	ON	2006/11/13 16:19
S25	11	("3720874" "3863157" "5263875" "5295089" "5422433" "5430617" "5771441" "6081207" "6282433" "6336037" "6400321").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 16:26
S26	1179	29/594,600.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/14 11:45
S27	6	S26 and speaker with antenna	US-PGPUB; USPAT	OR	ON	2006/11/14 11:46
S28	82	S26 and flexible and antenna	US-PGPUB; USPAT	OR	ON	2006/11/14 11:47
S29	4	S26 and flexible and antenna and speaker	US-PGPUB; USPAT	OR	ON	2006/11/14 11:48
S30	10	S26 and antenna and speaker	US-PGPUB; USPAT	OR	ON	2006/11/14 11:51
S31	743	343/702.ccls. and (flexible bendable pliable) and antenna	US-PGPUB; USPAT	OR	ON	2006/11/14 11:52
S32	144	S31 and speaker	US-PGPUB; USPAT	OR	ON	2006/11/14 11:58

EAST Search History

S33	1	"6201501".pn.	US-PGPUB; USPAT	OR	ON	2006/11/14 11:58
S34	3	("5410323" "5710987" "6025802").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 11:59
S35	120	method with speaker with antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 13:41
S36	14	("20020187758" "20030032443" "20030068987" "5555449" "5926139" "6005525" "6101402" "6166694" "6201501" "6353443" "6442400" "6496149" "6569795" "6693596").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 14:09
S37	1414825	(flexible bendable pliable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 16:07
S39	6555	S37 same antenna	US-PGPUB; USPAT	OR	ON	2006/11/14 16:08
S40	789	S39 and speaker	US-PGPUB; USPAT	OR	ON	2006/11/14 16:10
S41	144	S39 same speaker	US-PGPUB; USPAT	OR	ON	2006/11/14 16:12
S43	1	"6980157".pn.	US-PGPUB; USPAT	OR	ON	2006/11/14 17:00
S44	11	("5883966" "5929813" "5952975" "6008762" "6147649" "6184833" "6204819" "6246374" "6271794" "6366243" "6421016").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 17:00
S45	426490	(speaker acoustic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:10
S46	1597	(flexible bendable pliable) and (S45 with antenna)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:15
S47	1597	S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:11
S48	26	S46 and "455".clas. and "343".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:25

EAST Search History

S49	1414825	(flexible bendable pliable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:27
S50	4338769	(aperture hole gap slit crack)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:27
S51	863	S49 same S50 same antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:27
S52	14	S51 and "343".clas. and "455".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:28
S53	30	(US-20060089184-\$ or US-20050024273-\$ or US-20040198417-\$ or US-20050012674-\$ or US-20030032443-\$ or US-20020053991-\$ or US-20030074780-\$ or US-20060193487-\$ or US-20040204198-\$ or US-20040171403-\$ or US-20030130015-\$ or US-20020187758-\$ or US-20030068987-\$).did. or (US-5883966-\$ or US-7079664-\$ or US-6995715-\$ or US-4679233-\$ or US-6850195-\$ or US-6259407-\$ or US-6201501-\$ or US-6687120-\$ or US-7123734-\$ or US-7015862-\$ or US-6776626-\$ or US-6459890-\$ or US-6208874-\$ or US-7136625-\$ or US-6496149-\$ or US-6005525-\$ or US-7126537-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/15 08:33
S54	19	S53 and S49	US-PGPUB; USPAT	OR	ON	2006/11/15 08:56
S55	168	"343".clas. and "455".clas. and ((acoustic "acoustic device" speaker) same antenna)	US-PGPUB; USPAT	OR	ON	2006/11/15 12:39
S56	14	("20020187758" "20030032443" "20030068987" "5555449" "5926139" "6005525" "6101402" "6166694" "6201501" "6353443" "6442400" "6496149" "6569795" "6693596").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 09:02

EAST Search History

S57	6776	("343".clas. or "455".clas. or "174".clas. or "361".clas.) and ((acoustic "acoustic device" speaker) same antenna)	US-PGPUB; USPAT	OR	ON	2006/11/15 12:41
S58	869454	S57 anf S49	US-PGPUB; USPAT	OR	ON	2006/11/15 12:41
S59	965	S57 and S49	US-PGPUB; USPAT	OR	ON	2006/11/15 12:41
S60	3160	("343".clas. or "455".clas. or "174".clas. or "361".clas.) and ((acoustic "acoustic device" speaker) with antenna)	US-PGPUB; USPAT	OR	ON	2006/11/15 12:41
S61	507	S60 and S49	US-PGPUB; USPAT	OR	ON	2006/11/15 12:43
S62	134	29/601.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/15 13:29
S63	4	S62 and coating same insulating	US-PGPUB; USPAT	OR	ON	2006/11/15 13:20
S64	21	S62 and (coating same (conduct\$4))	US-PGPUB; USPAT	OR	ON	2006/11/15 13:23
S65	5	S62 and (coating same (conduct\$4) same insulat\$4)	US-PGPUB; USPAT	OR	ON	2006/11/15 13:24
S66	6	29/601.ccls. and speaker	US-PGPUB; USPAT	OR	ON	2006/11/15 13:31
S67	2	29/601.ccls. and acoustic	US-PGPUB; USPAT	OR	ON	2006/11/15 13:33
S69	91	29/601.ccls. and antenna	US-PGPUB; USPAT	OR	ON	2006/11/15 13:33
S70	25	29/601.ccls. and antenna and flexible	US-PGPUB; USPAT	OR	ON	2006/11/15 13:35
S71	19	29/601.ccls. and antenna and flexible and insulat\$4 and conduct\$4	US-PGPUB; USPAT	OR	ON	2006/11/15 13:40
S72	5	(insulat\$4 near3 (film sheet)) and antena	US-PGPUB; USPAT	OR	ON	2006/11/15 13:41
S73	6461	(insulat\$4 near3 (film sheet)) and antenna	US-PGPUB; USPAT	OR	ON	2006/11/15 13:41
S74	1620	(insulat\$4 near3 (film sheet)) and antenna and speaker	US-PGPUB; USPAT	OR	ON	2006/11/15 13:44
S75	249159	"343".clas. or "455".clas. or "174".clas. or "361".clas.	US-PGPUB; USPAT	OR	ON	2006/11/15 13:44
S76	63	S75 and S74	US-PGPUB; USPAT	OR	ON	2006/11/15 13:59
S77	1965	(antenna with insulat\$4) and flex\$5	US-PGPUB; USPAT	OR	ON	2006/11/15 14:00

EAST Search History

S78	914	S77 and S75	US-PGPUB; USPAT	OR	ON	2006/11/15 14:00
S79	13522	(\$speaker acoustic transducer) and (flex\$4 bend\$4) and antenna	US-PGPUB; USPAT	OR	ON	2006/11/16 11:06
S81	3419	343/702.ccls. 455/90.ccls. 455/575.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/16 11:03
S82	259	S81 and S79	US-PGPUB; USPAT	OR	ON	2006/11/16 11:03
S83	4987	(antenna same (\$speaker acoustic transducer)) and (flex\$4 bend\$4)	US-PGPUB; USPAT	OR	ON	2006/11/16 11:07
S84	201	S83 and S81	US-PGPUB; USPAT	OR	ON	2006/11/16 11:08
S90	612	455/for.254.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:56
S91	109	455/for.232.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:58
S92	692	S91 S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:16
S93	4318	S92 343/702.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:16
S94	201	S93 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:40

EAST Search History

S95	259	S93 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:33
S97	6	((("6628798") or ("5790679") or ("6922471"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 11:42
S10 3	40	S90 and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:56
S10 4	15	S90 and speaker and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:56
S10 5	3	S91 and speaker and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:59
S10 7	1758	speaker near3 circuitry	US-PGPUB; USPAT	OR	ON	2006/11/17 10:43
S10 8	8	S107 and 343/702.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/17 11:34
S12 0	10914	advantage\$6 with solder\$3	US-PGPUB; USPAT	OR	ON	2006/11/17 11:34
S12 1	383	S120 same PCB	US-PGPUB; USPAT	OR	ON	2006/11/17 12:45
S12 2	38586	speaker with (attach\$4 connect\$4)	US-PGPUB; USPAT	OR	ON	2006/11/17 12:46
S12 3	7936	S122 and antenna	US-PGPUB; USPAT	OR	ON	2006/11/17 12:50
S12 4	7	S122 and (343/702.ccls. and 455/575.1.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/17 12:47

EAST Search History

S12 6	1879	speaker with attachment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/17 13:28
S12 7	3089	antenna with adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/17 13:31
S12 8	202	S127 and (455/575\$.ccls. 343/702. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/17 13:32
S13 0	3894	(cut\$4) same antenna same (support film plastic dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:15
S13 1	3463	343/702.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:06
S13 2	191	S130 and S131	US-PGPUB; USPAT	OR	ON	2006/11/20 15:06
S13 3	2	"20040027295".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:15